

### ABSTRACT OF THE DISCLOSURE

5 A printing system comprising a boronic acid dye and a coated print medium. The boronic acid dye comprises a boric acid group or a boronic acid group attached to the dye. The boronic acid dye covalently binds to a polyhydroxylated material present in a coating layer of the print medium, fixing the boronic acid dye to the print medium. A method of reducing dye migration on a print medium is also disclosed.

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